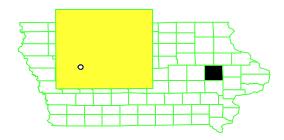
ELECTRO-COATINGS, INC. IOWA EPA ID# IAD005279039

EPA Region 7
City: Cedar Rapids
County: Linn County
Other Names:



### SITE DESCRIPTION

The metal plating plant Electro-Coatings, Inc., site is located in Cedar Rapids, Linn County, Iowa. Electro-Coatings is on the north shore of Cedar Lake, a 150 acre impoundment owned by the utility company. The nearest residential area is about a 1/4 mile east of the site across Interstate Highway 380. In 1990, the town of Cedar Rapids had a population of 108,751. The Electro-Coatings plant has been in operation since 1947. The plant currently performs chromium, cadmium, nickel, and zinc plating. In March of 1976, groundwater from a neighboring industrial well was found to contain high levels of chromium. The cause of contamination was traced to a leaking concrete task containing chromic acid at the Electro-Coatings plant. Electro-Coatings took action to prevent further releases in response to requirements by the State.

#### **Site Responsibility:**

This site is being addressed through Federal, State, and potentially responsible parties' actions. Threats and Contaminants.

#### NPL LISTING HISTORY

**Proposed Date:** 06/24/88

**Final Date:** 10/04/89

**Deleted Date:** 

# THREATS AND CONTAMINANTS

The primary groundwater contaminant is hexavalent chromium. Other heavy metals, including cadmium and nickel, have been found at elevated levels in



groundwater on site. Volatile organic compounds (VOCs) have also been detected in site groundwater. However, most of the VOCs have been attributed to a neighboring industry. The contaminated groundwater has been found to be largely contained by the neighboring industrial well. Water from this industrial well is not used for drinking water purposes and the contaminants do not adversely impact its use. No groundwater contamination has been detected in the municipal drinking water wells. The potential for contamination of Cedar Lake has also been a concern; however, no significant impact to Cedar Lake has been observed.

### **CLEANUP APPROACH**

#### **Response Action Status**

Initial Actions: The site is being addressed in two stages: initial actions and a long-term remedial action focusing on cleanup of the entire site. In 1976, Electro-Coatings, Inc., removed the leaking deep-pit tank and initiated a leak prevention program throughout the plant. Electro-Coatings installed five monitoring wells that they sampled periodically, in addition to the neighboring industrial well. In June 1977, the State issued an Executive Order requiring Electro-Coatings to install monitoring wells to define the extent of the contaminated plume. In June 1988, the Electro-Coatings site was proposed for inclusion on the National Priorities List (NPL). In October 1990, the site entered into a Consent Order with the Iowa Department of Natural Resources (IDNR) to conduct a Remedial Investigation/Feasibility Study (RI/FS). In 1992, contaminated soils were discovered as a chromium dipping tank was being taken out of service. Chromium-contaminated soil and concrete were removed and disposed of as hazardous waste. The RI/FS was completed in 1993.

Entire Site: In 1994, under State oversight, the Potentially Responsible Parties (PRPs) conducted an extensive site investigation to determine the nature and extent of contamination of the site. The selected remedy provided for continued pumping of the contaminated groundwater with discharge to the sanitary sewer, and ongoing groundwater monitoring. This involved continued pumping of the Hawkeye Rubber production well should provide adequate containment of groundwater contaminants. The need for additional extraction and monitoring further assessment and groundwater monitoring is required to determine the effectiveness of pumping the Hawkeye well and the need for additional extraction and monitoring.

This Record of Decision (ROD) addresses the principal threat of groundwater contamination. The objective of the remedy is to reduce risk of human health associated with potential direct ingestion of contaminated water. Containment is the primary remedy at this site for groundwater threats. The selected remedial action for this site involves groundwater monitoring and continued pumping from the neighboring industrial well, which has been shown to effectively contain residual groundwater contamination. There is also a contingency to install a new recover well or wells for pump and discharge to the publicly owned treatment works (POTW). Groundwater monitoring will also include groundwater testing in an effort to determine the effectiveness of

pumping. If water quality monitoring reveals offsite migration of contaminants from the Electro-Coatings site which are above the Maximum Contaminant Level (MCL), then monthly water quality monitoring water quality frequency will be institute. If MCLs are exceeded in designated site perimeter wells for three consecutive months, then the contingency action will be required. Contingency measures may include increasing pumping from the neighboring industrial well or installing and operating a new recovery well.

**Site Facts:** 

In June 1977, the State issued an Executive Order requiring Electro-Coatings to install monitoring wells to define the extent of the contaminated plume. In September 1999, the IDNR entered into a state consent order with Electro-Coatings Inc., and Shaver Road Investments. In January 2000, the IDNR entered into a state order with Hawkeye Rubber Manufacturing Company to implement the ROD remedy.

#### ENVIRONMENTAL PROGRESS

As a result of initial actions, the Electro-Coatings, Inc. site does not pose an immediate threat to public health or the environment. Significant declines in contaminant levels have and will continue to occur as pumping and treating of contaminated groundwater proceeds.

### SITE REPOSITORY



Cedar Rapids Public Library 500 First Street, S.E. Cedar Rapids, IA 52401

Iowa Dept of Natural Resources Records Center, 5th Floor Wallace State Office Building 900 East Grand Des Moines, IA 50319 Superfund Records Center 901 N. 5th St. Kansas City, KS 66101 Mail Stop SUPR (913)551-4038

### **REGIONAL CONTACTS**

**SITE MANAGER:** Ron King

**E-MAIL ADDRESS:** king.ronald@epa.gov

(913) 551-7568

**COMMUNITY INVOLVEMENT** 

**COORDINATOR: PHONE NUMBER:** 

**PUBLIC INFORMATION CENTER:** 

**E-MAIL ADDRESS:** 

**STATE CONTACT:** Robert Drustrup **PHONE NUMBER:** 515/281-8900

## MISCELLANEOUS INFORMATION

STATE: IA

07Q7

CONGRESSIONAL DISTRICT: 01

**EPA ORGANIZATION:** SFD-IANE/SUPR

## **MODIFICATIONS**